

SYSTEM AND METHOD FOR
COMMUNICATING DATA

Abstract Of The Disclosure

The present invention provides a system and
5 method for communicating data between a source
application process and one or more destination
application processes. This system and method perform
conversion and routing functions which require only a
single conversion of all outbound transmissions
10 regardless of the variety of destinations, and only a
single conversion of all inbound transmissions
regardless of the variety of sources. The functions
also enable changes, additions, and deletions of
sources and destinations of transmissions to be made
15 without modification of a source or destination
application process and without taking a source or
destination application process off-line. The
functions further enable this system and method to be
implemented in virtually any enterprise architecture
20 without requiring that each processing system of the
architecture be custom built. These conversion and
routing functions are performed by first receiving data
to be transmitted in a source format from a source
application. This data are then converted from the
25 source format to a standard format. Next, one or more
destinations are identified in a database using a
transaction type corresponding to the data and/or the
address of the source application. After identifying

the one or more destinations, a copy of the data is transmitted to each and the data are then converted from the standard format to a destination format. Lastly, this converted data are passed to the
5 destination process.